Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040422\
Data File : BN019335.D
Acq On : 05 Apr 2022 03:00
Operator : CG/JU
Sample : N2237-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A08015MS

Quant Time: Apr 05 05:58:54 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	5552	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	16834	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	10292	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	20751	0.400	ng	#	0.00
29) Chrysene-d12	21.386	240	17383	0.400	ng	#	0.00
35) Perylene-d12	23.738	264	14071	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	2653	0.178	ng		0.00
5) Phenol-d6	6.995	99	3316	0.185	ng		0.00
8) Nitrobenzene-d5	8.982	82	3235	0.211	ng		0.00
11) 2-Methylnaphthalene-d10	12.219	152	9680	0.327	ng		0.00
14) 2,4,6-Tribromophenol	15.954	330	1240	0.198	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	10595	0.248	ng		0.00
27) Fluoranthene-d10	19.236	212	7910	0.118	ng		0.00
31) Terphenyl-d14	19.834	244	5127	0.136	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	1574	0.237	ng	#	68
3) n-Nitrosodimethylamine	3.543	42	3016	0.343	ng		96
6) bis(2-Chloroethyl)ether	7.240	93	6307	0.350	ng		99
9) Naphthalene	10.680	128	19035	0.383	ng		99
10) Hexachlorobutadiene	10.978	225	3786	0.350	ng	#	100
12) 2-Methylnaphthalene	12.295	142	13194	0.383	ng		99
16) Acenaphthylene	14.185	152	19095	0.374	ng		100
17) Acenaphthene	14.527	154	12235	0.360	ng		98
18) Fluorene	15.511	166	15955	0.356	ng		98
20) 4,6-Dinitro-2-methylph...	15.596	198	1018	0.267	ng	#	81
21) 4-Bromophenyl-phenylether	16.395	248	5103	0.365	ng	#	84
22) Hexachlorobenzene	16.518	284	6217	0.380	ng		99
23) Atrazine	16.661	200	3971	0.344	ng		99
24) Pentachlorophenol	16.866	266	4247	0.668	ng		99
25) Phenanthrene	17.246	178	31216	0.448	ng		100
26) Anthracene	17.338	178	23075	0.377	ng		98
28) Fluoranthene	19.265	202	39468	0.478	ng		100
30) Pyrene	19.628	202	40735	0.504	ng		100
32) Benzo(a)anthracene	21.377	228	31087	0.484	ng		98
33) Chrysene	21.422	228	29508	0.413	ng		98
34) Bis(2-ethylhexyl)phtha...	21.306	149	26147	0.547	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.167	276	20630	0.350	ng		95
37) Benzo(b)fluoranthene	23.024	252	27576	0.500	ng	#	87
38) Benzo(k)fluoranthene	23.071	252	24770	0.430	ng	#	87
39) Benzo(a)pyrene	23.635	252	24210	0.489	ng	#	86
40) Dibenzo(a,h)anthracene	26.182	278	15829	0.347	ng	#	89
41) Benzo(g,h,i)perylene	26.904	276	21424	0.392	ng		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
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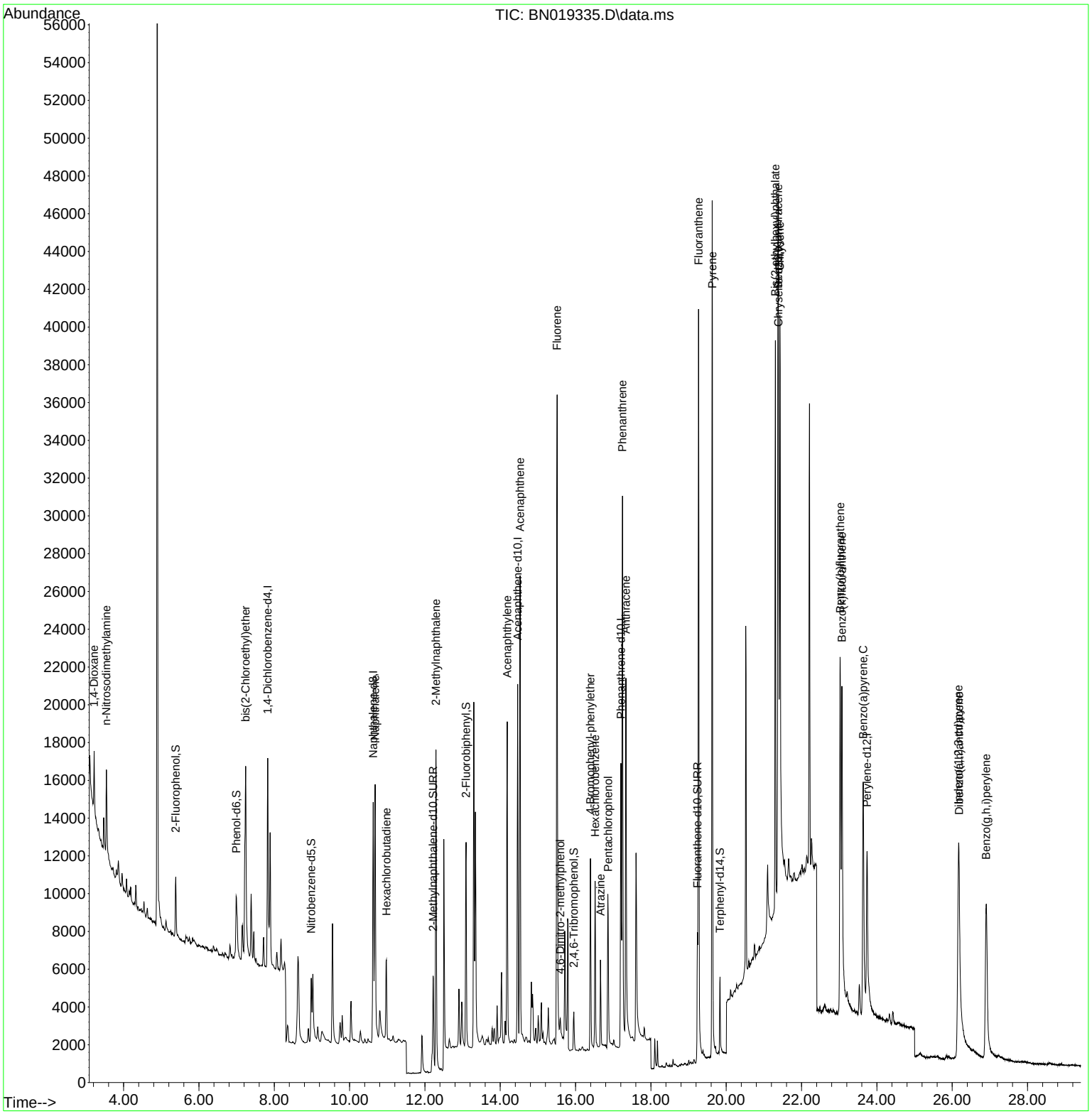
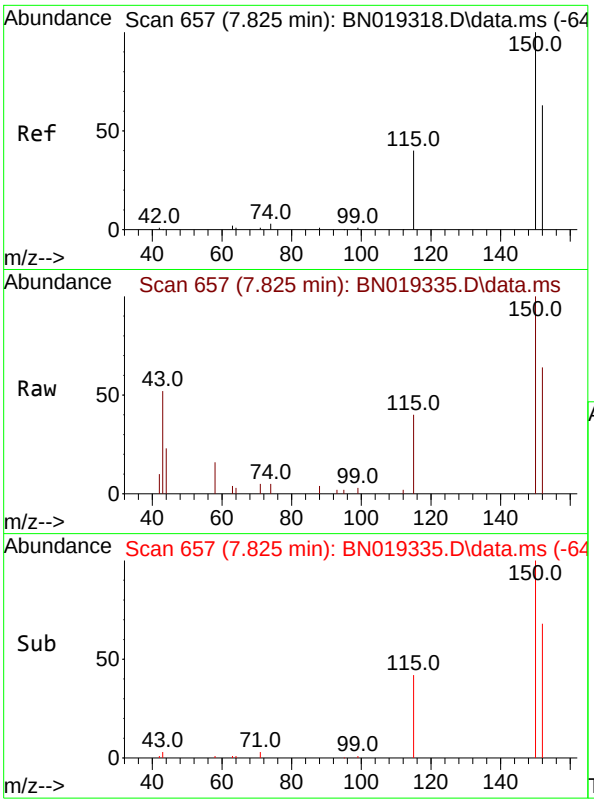


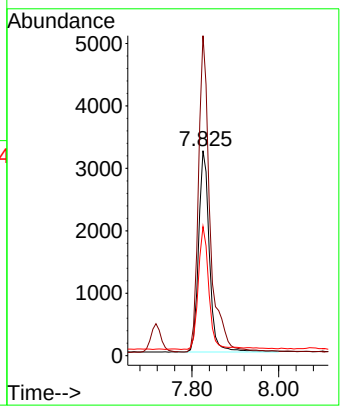


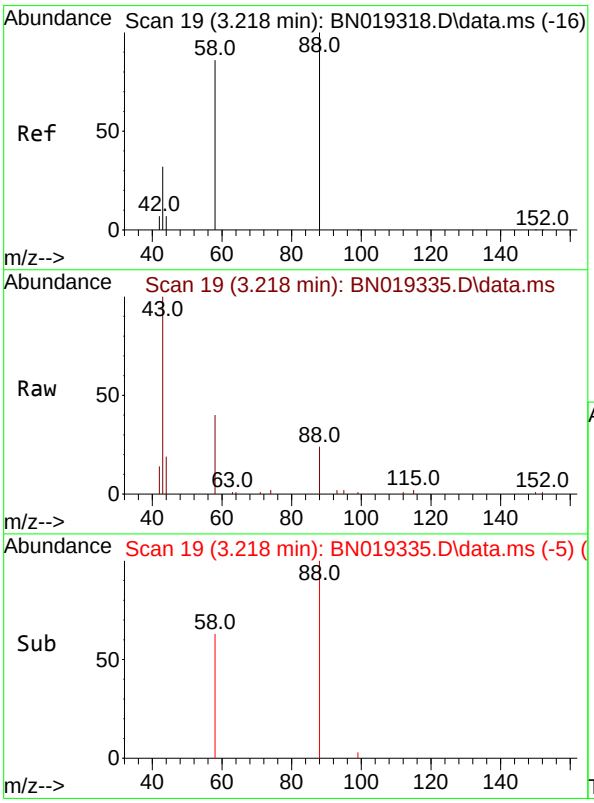
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.825 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:152 Resp: 5552

Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.9	185.9
115	63.0	48.2	72.4

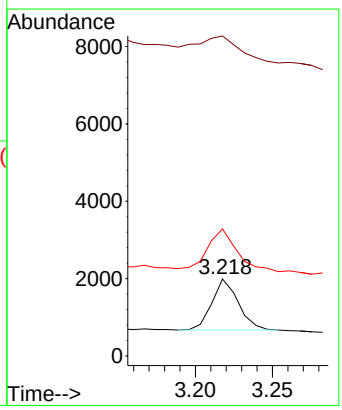


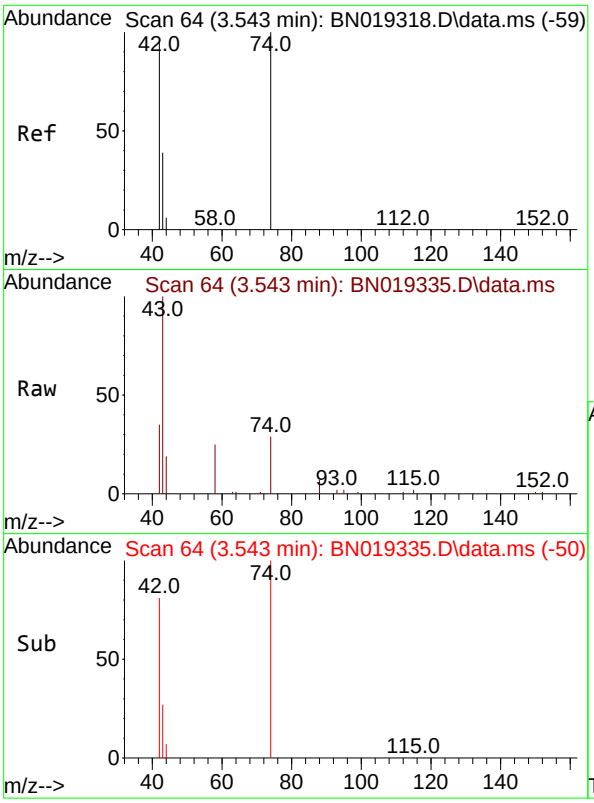


#2
1,4-Dioxane
Concen: 0.237 ng
RT: 3.218 min Scan# 19
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion: 88 Resp: 1574

Ion	Ratio	Lower	Upper
88	100		
43	75.9	24.6	37.0#
58	94.0	65.4	98.2



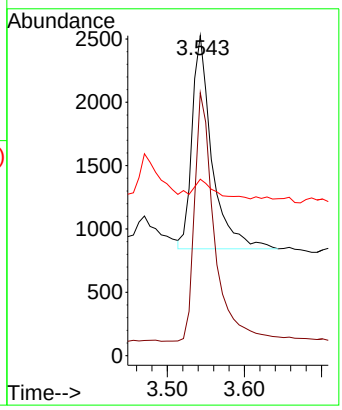


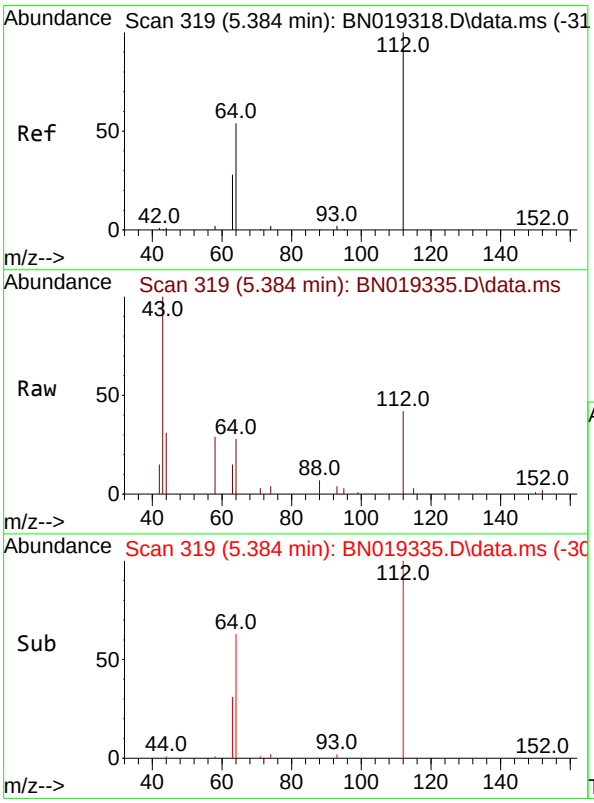
#3
n-Nitrosodimethylamine
Concen: 0.343 ng
RT: 3.543 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion: 42 Resp: 3016

Ion	Ratio	Lower	Upper
42	100		
74	116.1	96.9	145.3
44	8.6	7.3	10.9

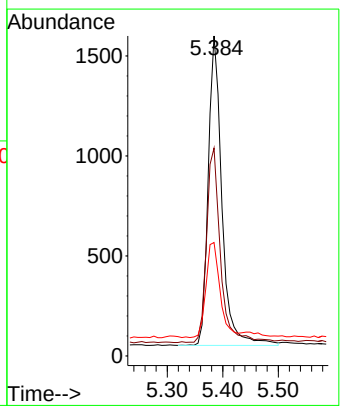


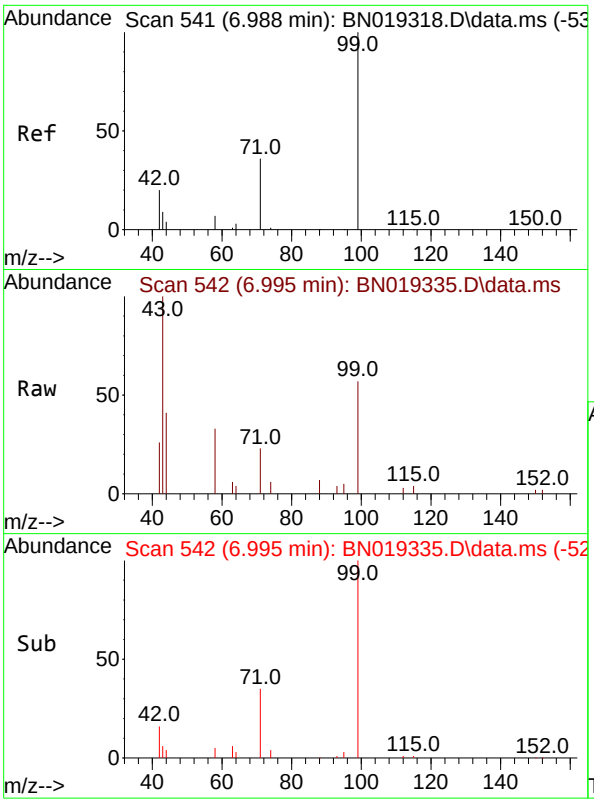


#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.384 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:112 Resp: 2653

Ion	Ratio	Lower	Upper
112	100		
64	63.8	47.8	71.8
63	31.6	25.7	38.5



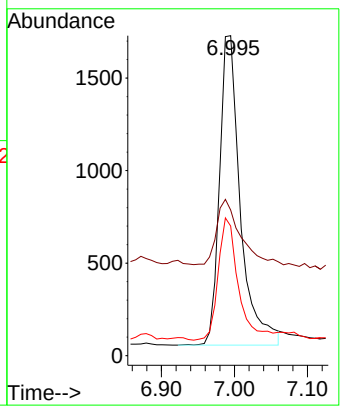


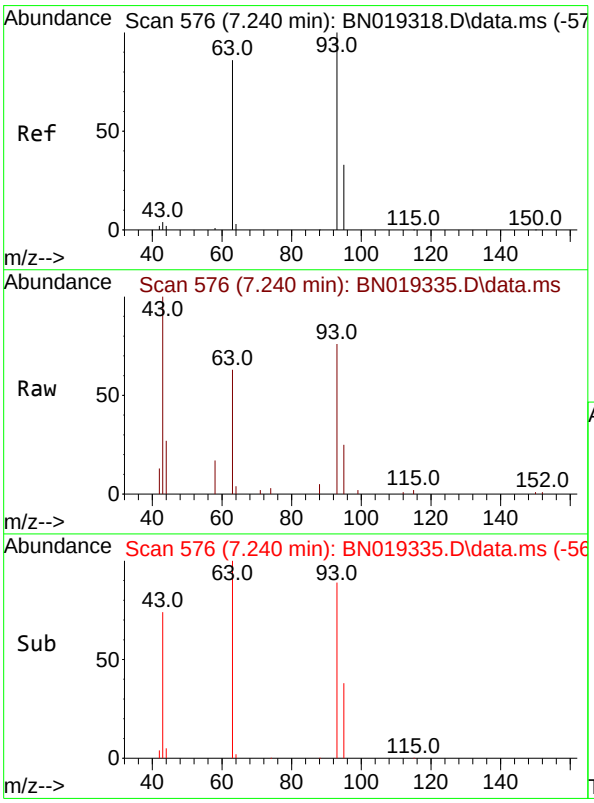
#5
Phenol-d6
Concen: 0.185 ng
RT: 6.995 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion: 99 Resp: 3316

Ion	Ratio	Lower	Upper
99	100		
42	23.7	16.2	24.4
71	38.4	27.7	41.5

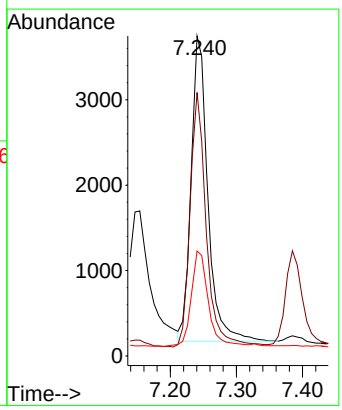


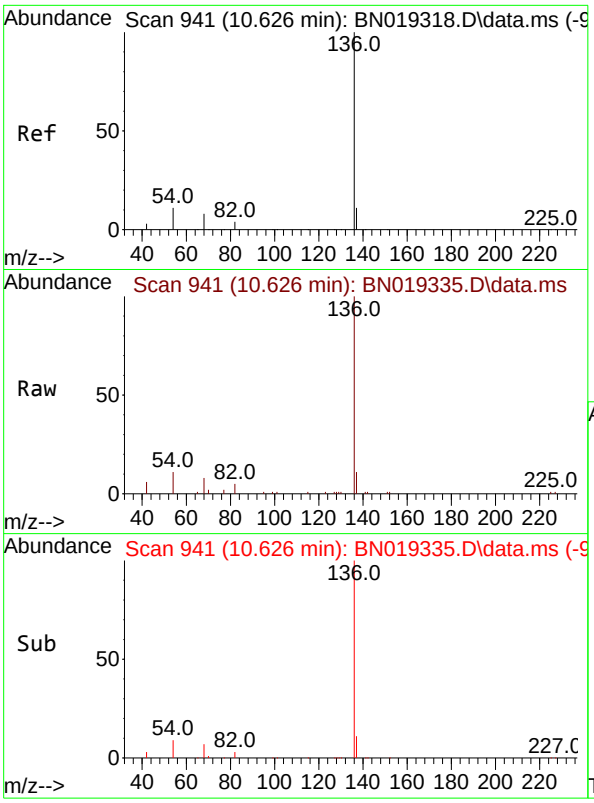


#6
bis(2-Chloroethyl)ether
Concen: 0.350 ng
RT: 7.240 min Scan# 576
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion: 93 Resp: 6307

Ion	Ratio	Lower	Upper
93	100		
63	79.9	62.8	94.2
95	32.3	26.2	39.4



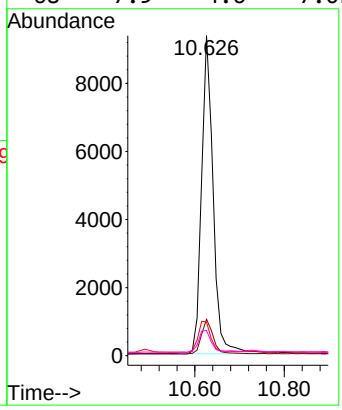


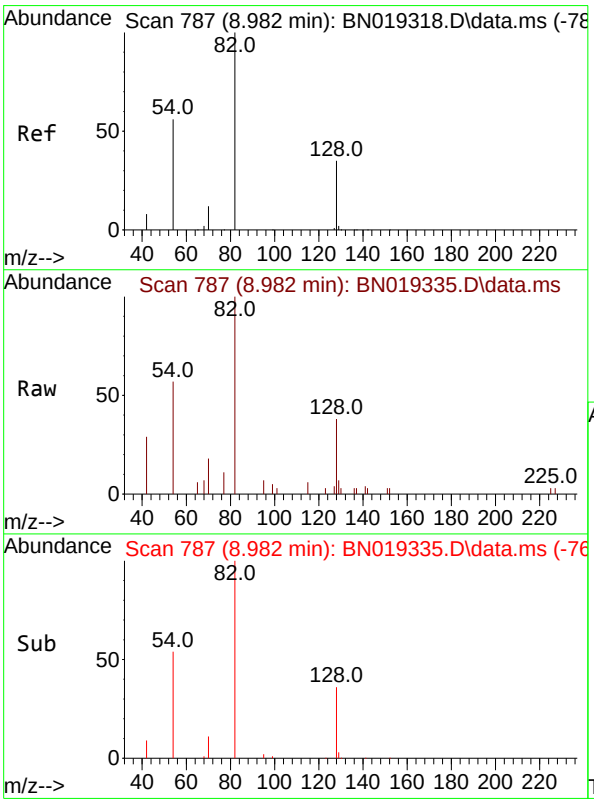
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:136 Resp: 16834

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	10.5	5.8	8.6#
68	7.9	4.6	7.0#

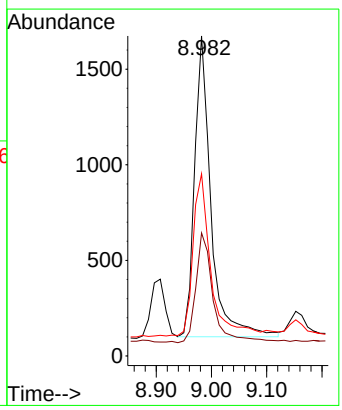


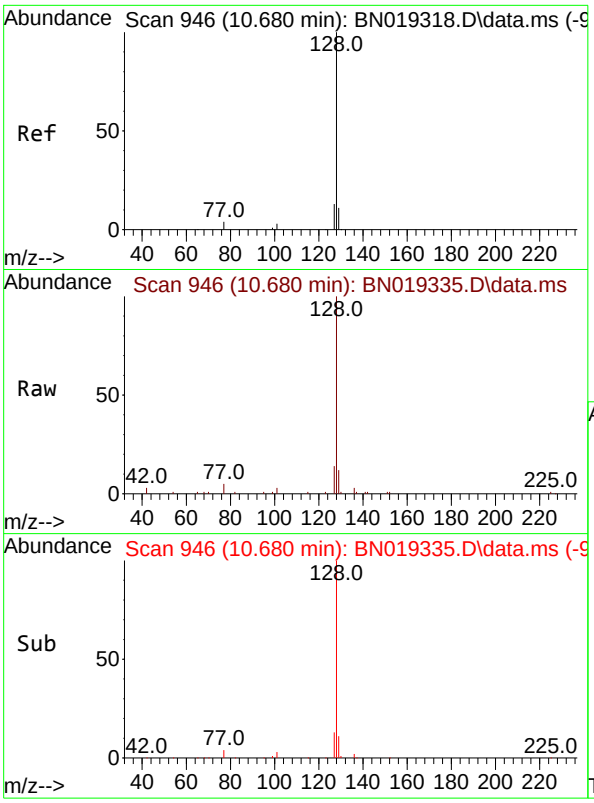


#8
Nitrobenzene-d5
Concen: 0.211 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion: 82 Resp: 3235

Ion	Ratio	Lower	Upper
82	100		
128	38.5	33.0	49.6
54	56.9	42.5	63.7



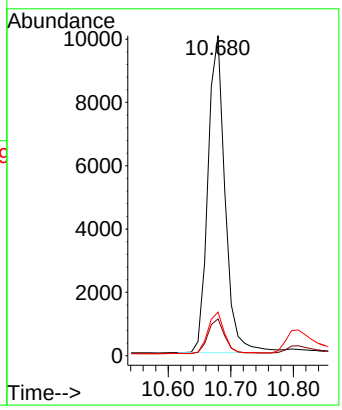


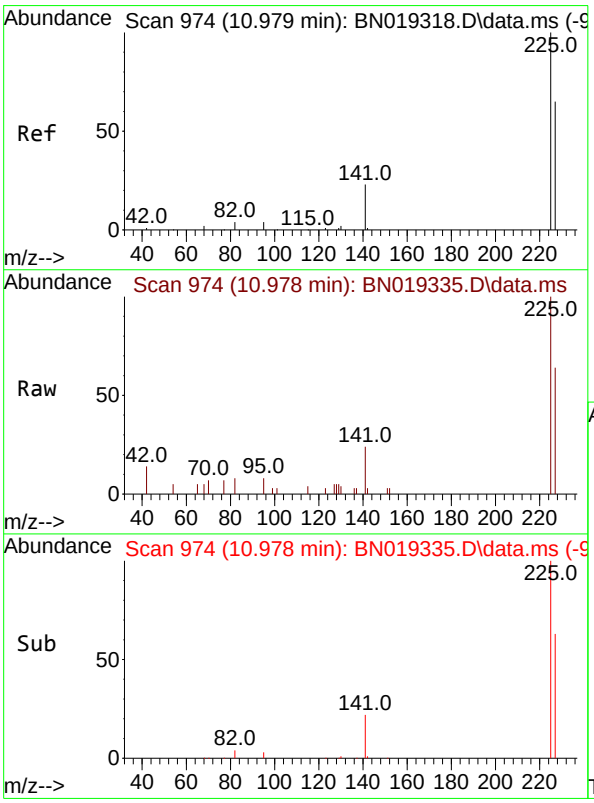
#9
Naphthalene
Concen: 0.383 ng
RT: 10.680 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:128 Resp: 19035

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.4
127	13.6	10.7	16.1

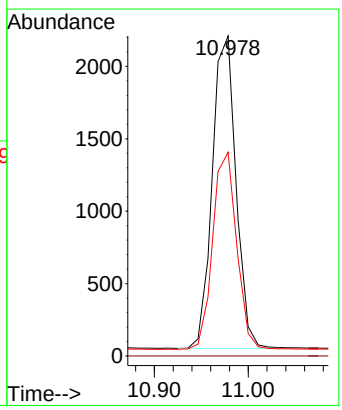


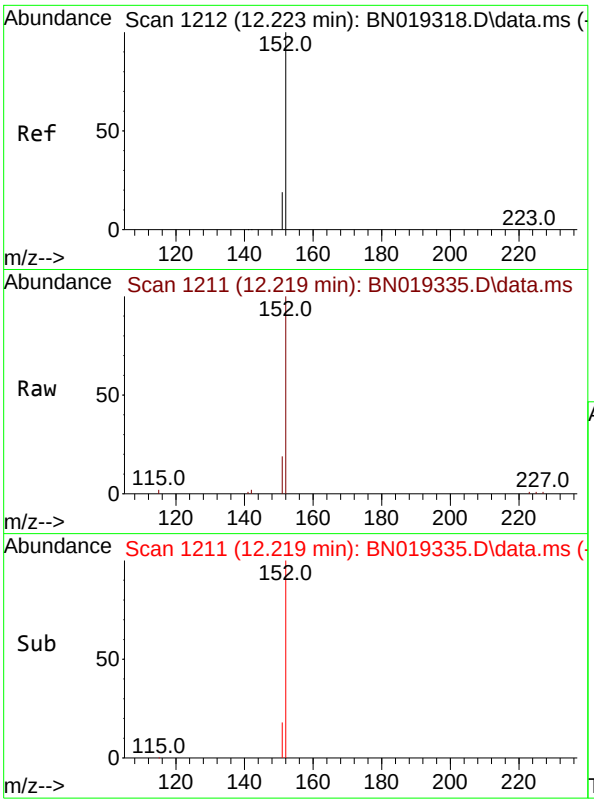


#10
Hexachlorobutadiene
Concen: 0.350 ng
RT: 10.978 min Scan# 974
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:225 Resp: 3786

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.0	76.6



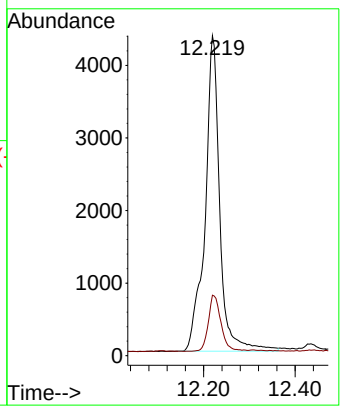


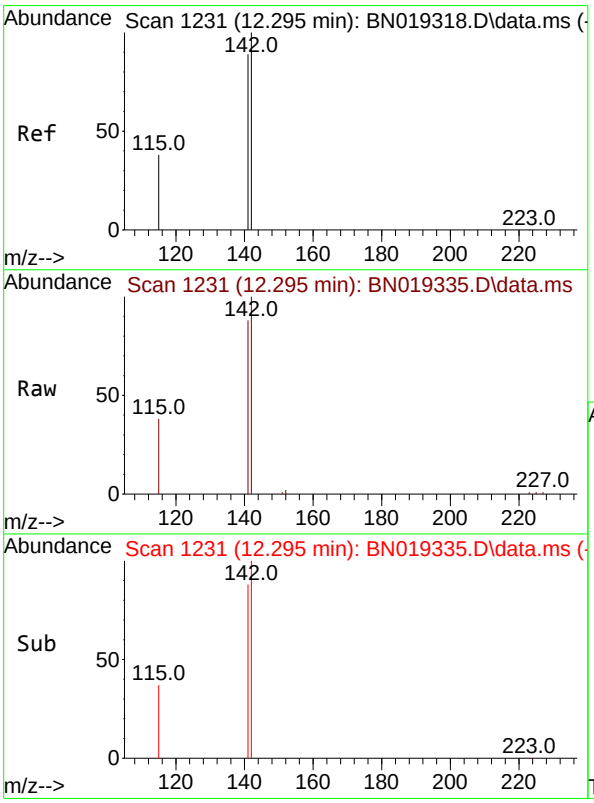
#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.219 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:152 Resp: 9680

Ion	Ratio	Lower	Upper
152	100		
151	15.5	16.5	24.7#

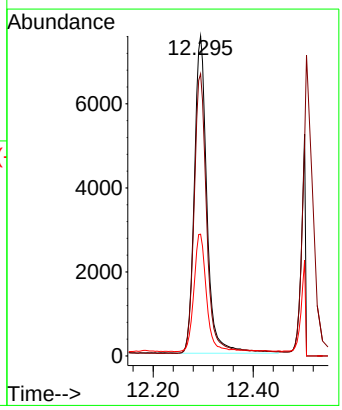


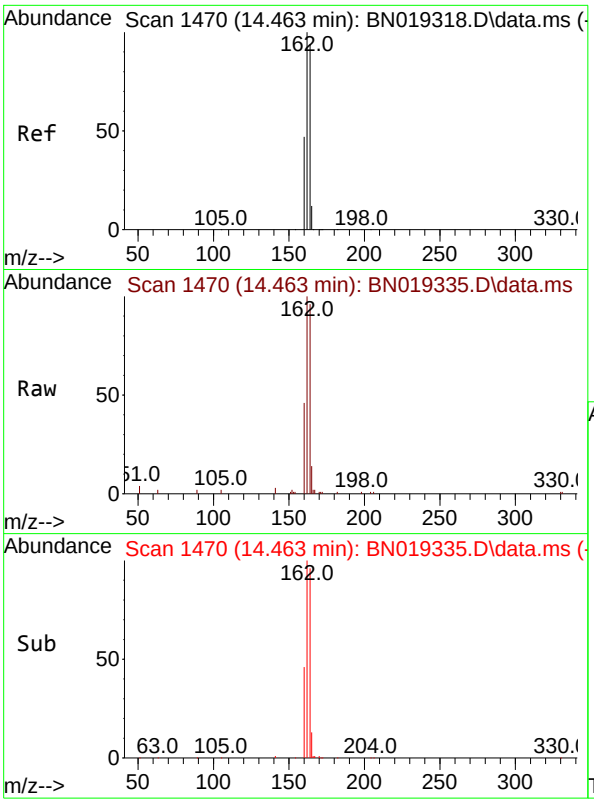


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.295 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:142 Resp: 13194

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.0	105.0
115	38.1	29.8	44.8



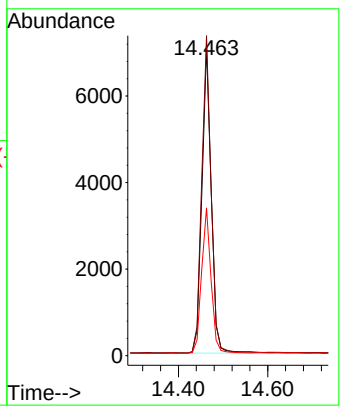


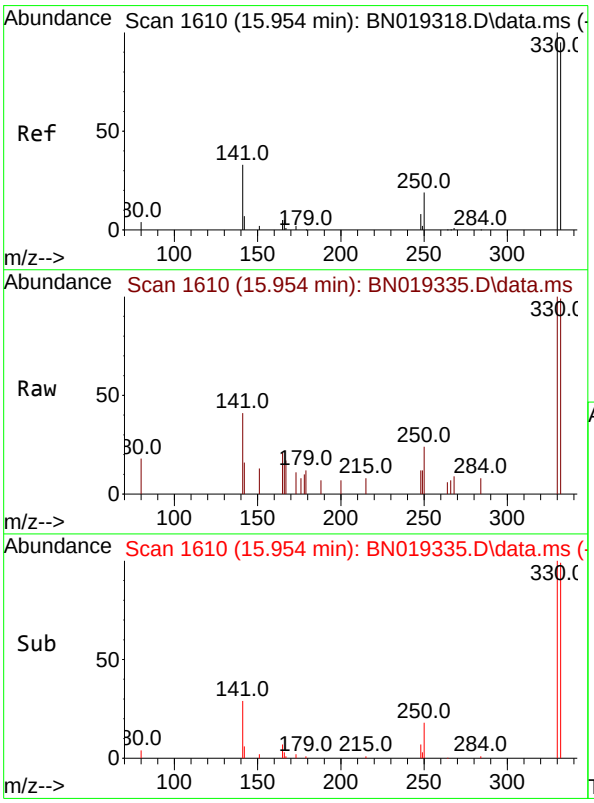
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:164 Resp: 10292

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.2	127.8
160	47.9	41.5	62.3

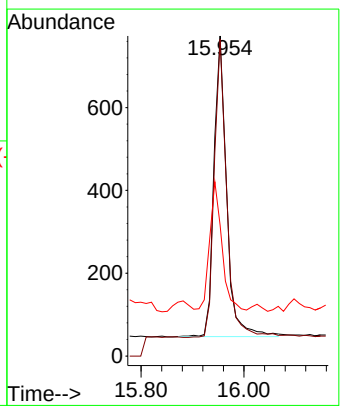


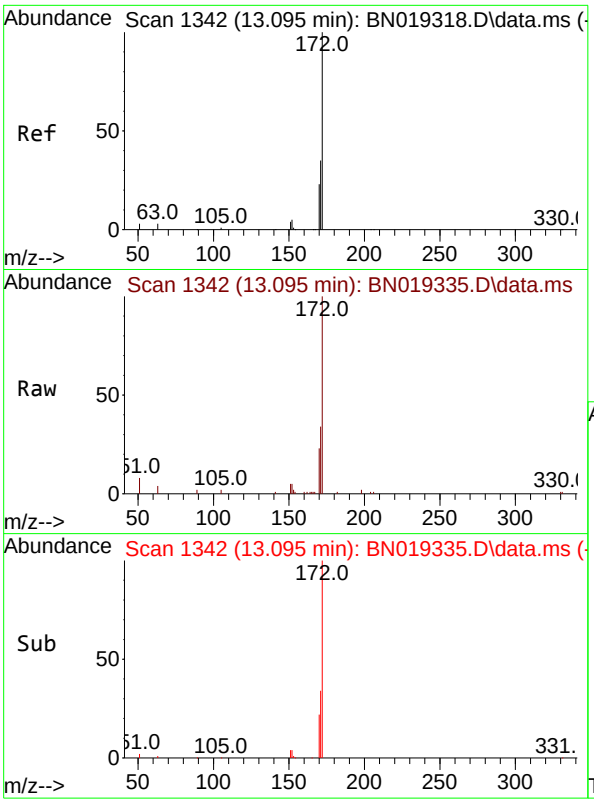


#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 15.954 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:330 Resp: 1240

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.8	115.2
141	41.4	32.2	48.2



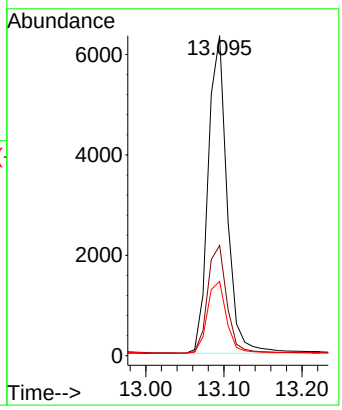


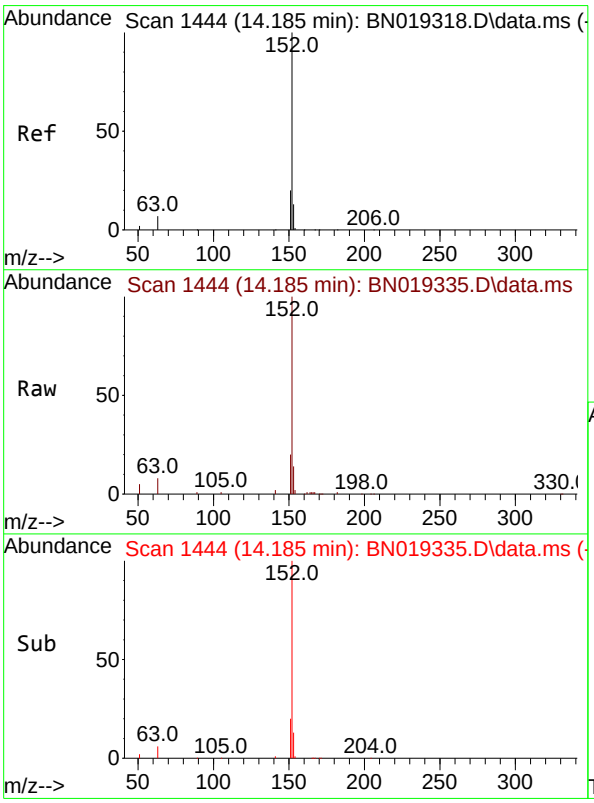
#15
2-Fluorobiphenyl
Concen: 0.248 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:172 Resp: 10595

Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.2	42.2
170	23.2	18.7	28.1

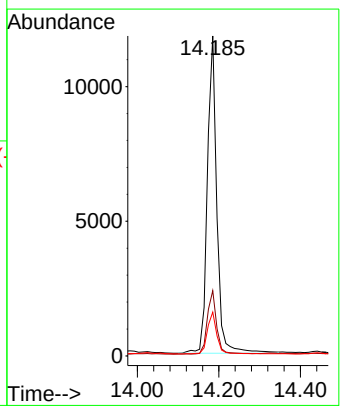


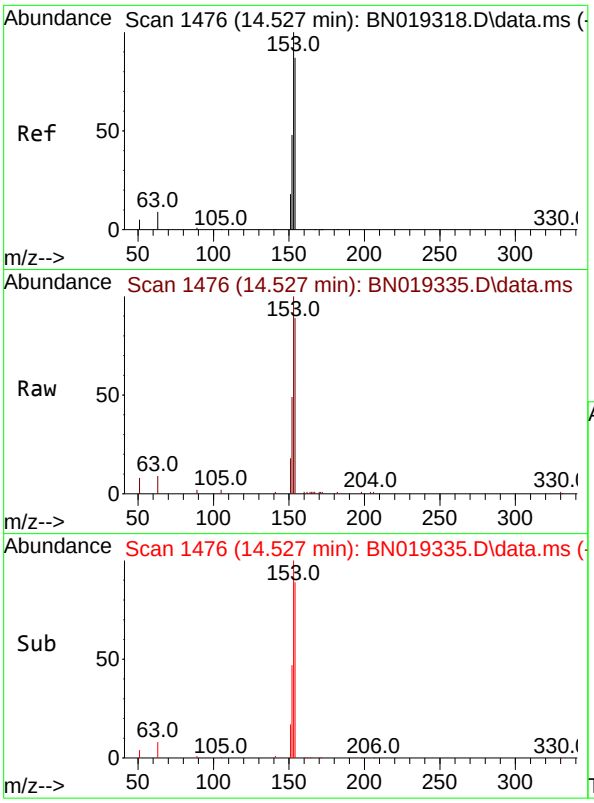


#16
Acenaphthylene
Concen: 0.374 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:152 Resp: 19095

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.9	23.9
153	13.3	10.6	15.8



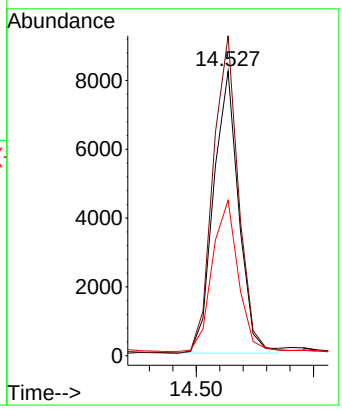


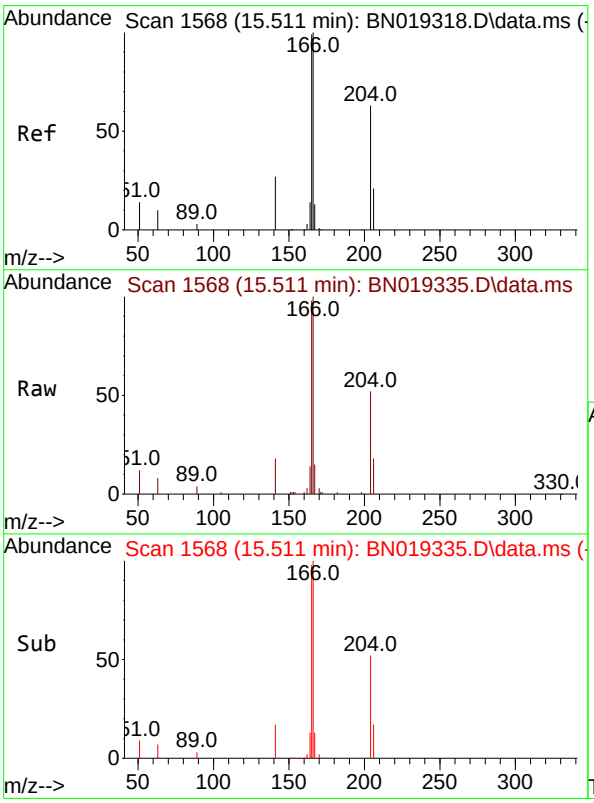
#17
Acenaphthene
Concen: 0.360 ng
RT: 14.527 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:154 Resp: 12235

Ion	Ratio	Lower	Upper
154	100		
153	115.4	89.7	134.5
152	56.2	44.7	67.1

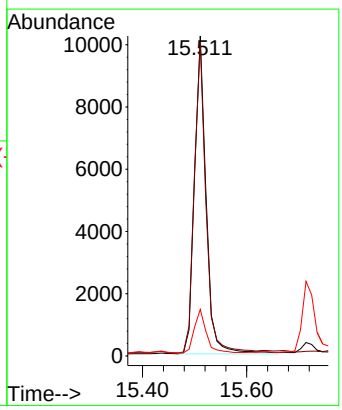


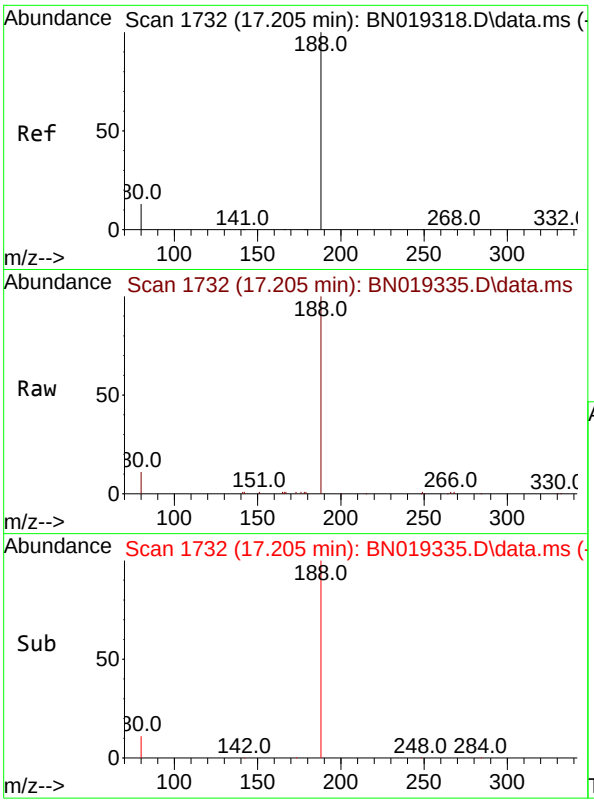


#18
Fluorene
Concen: 0.356 ng
RT: 15.511 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:166 Resp: 15955

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.2	118.8
167	14.1	10.7	16.1



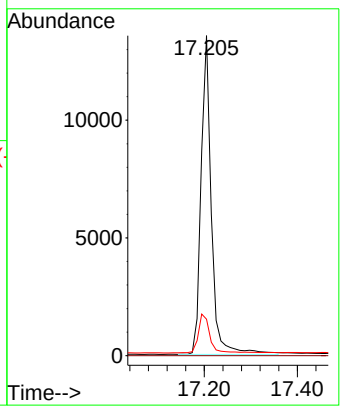


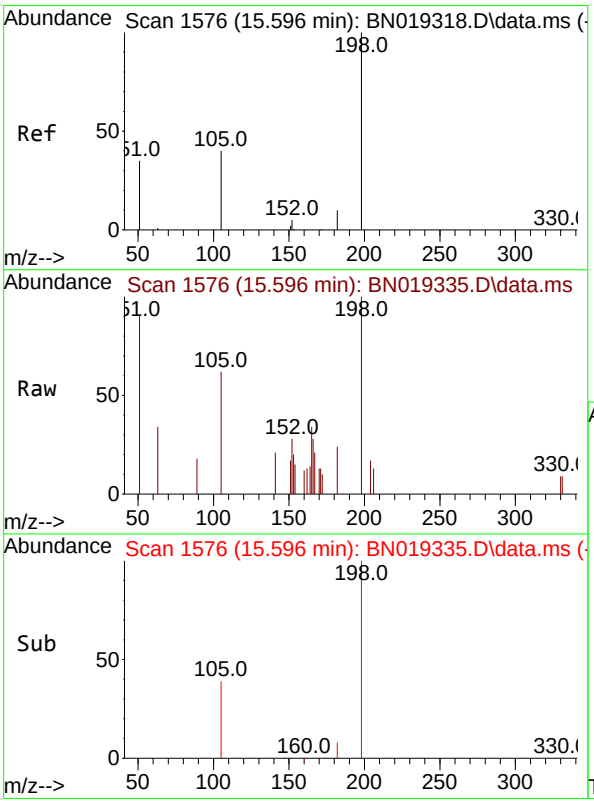
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.205 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:188 Resp: 20751

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.4	11.8	17.8#

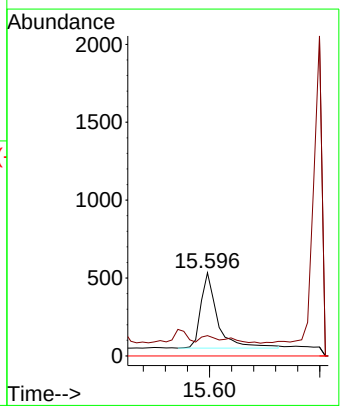


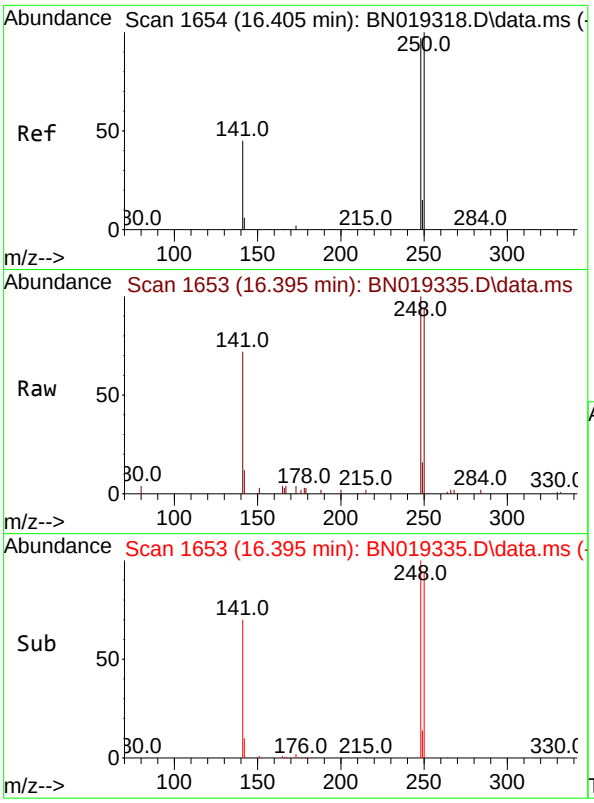


#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.596 min Scan# 1576
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:198 Resp: 1018

Ion	Ratio	Lower	Upper
198	100		
182	24.3	13.0	19.4#
77	0.0	0.0	0.0



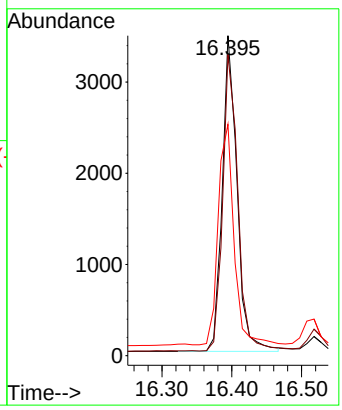


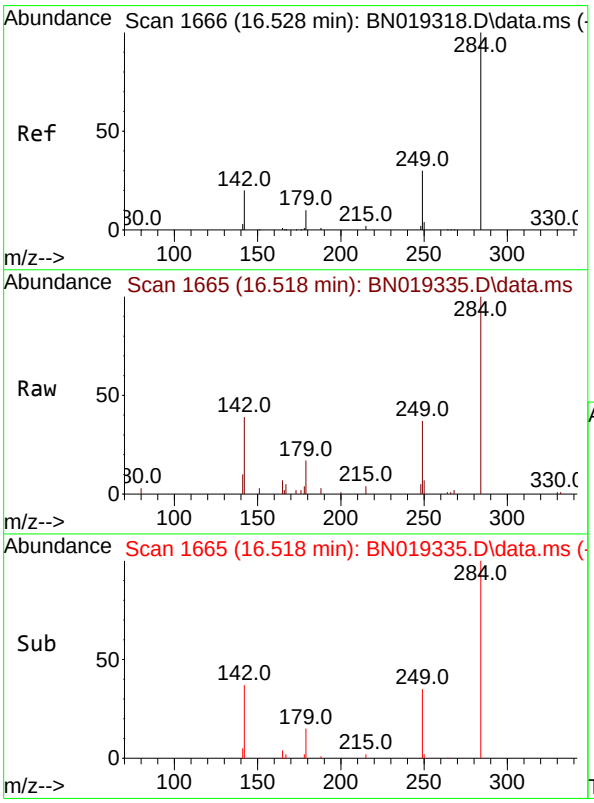
#21
4-Bromophenyl-phenylether
Concen: 0.365 ng
RT: 16.395 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:248 Resp: 5103

Ion	Ratio	Lower	Upper
248	100		
250	94.1	80.7	121.1
141	72.3	39.6	59.4#

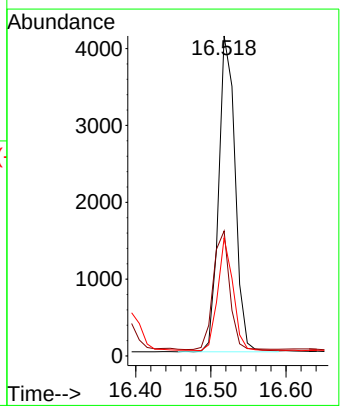


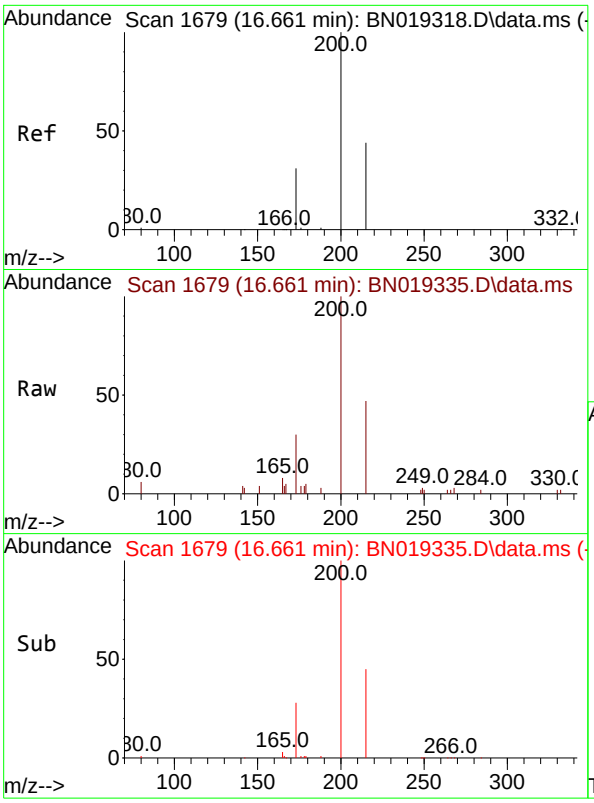


#22
Hexachlorobenzene
Concen: 0.380 ng
RT: 16.518 min Scan# 1665
Delta R.T. -0.010 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:284 Resp: 6217

Ion	Ratio	Lower	Upper
284	100		
142	37.8	29.8	44.8
249	33.0	26.2	39.2



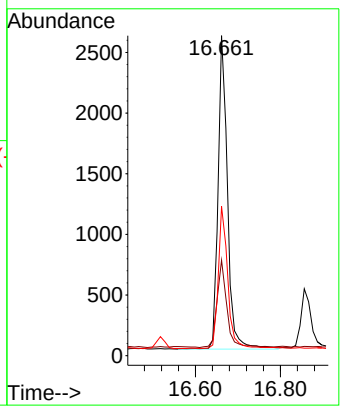


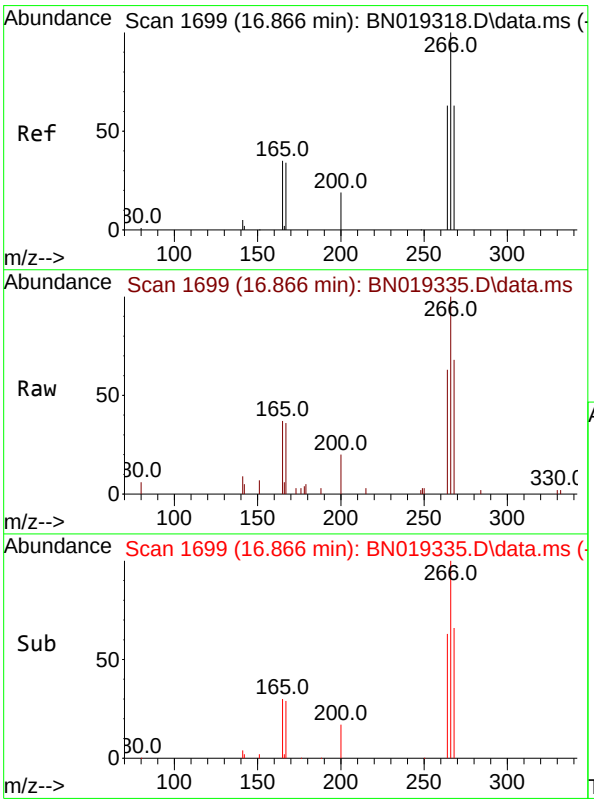
#23
Atrazine
Concen: 0.344 ng
RT: 16.661 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:200 Resp: 3971

Ion	Ratio	Lower	Upper
200	100		
173	29.9	23.9	35.9
215	46.7	36.6	54.8

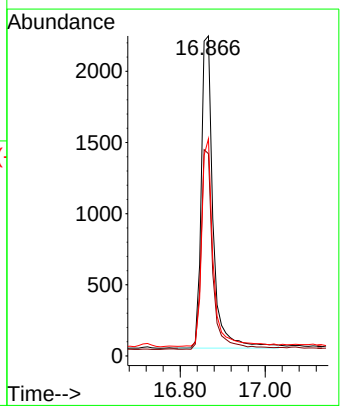


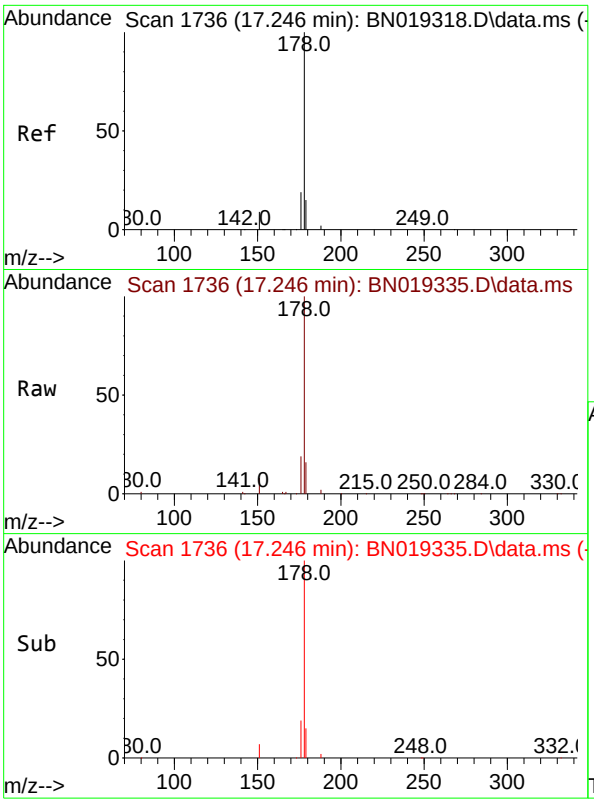


#24
Pentachlorophenol
Concen: 0.668 ng
RT: 16.866 min Scan# 1699
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:266 Resp: 4247

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.2	75.4
268	64.1	51.9	77.9



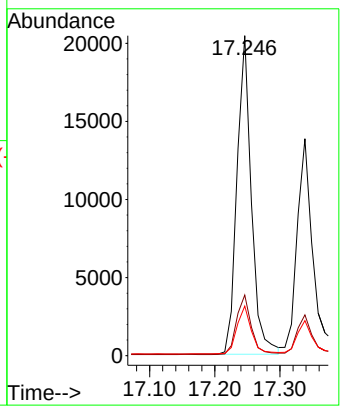


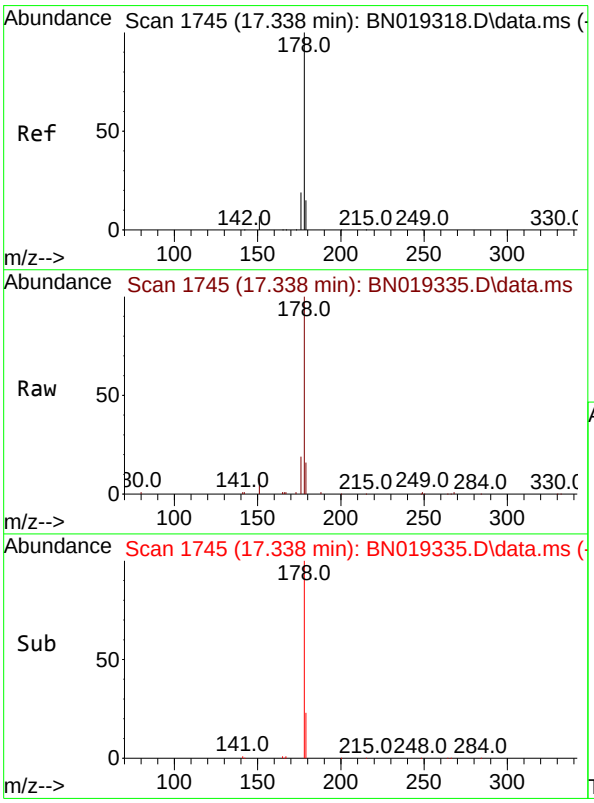
#25
Phenanthrene
Concen: 0.448 ng
RT: 17.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:178 Resp: 31216

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.4	12.2	18.2

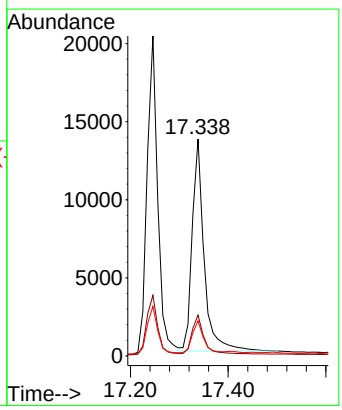


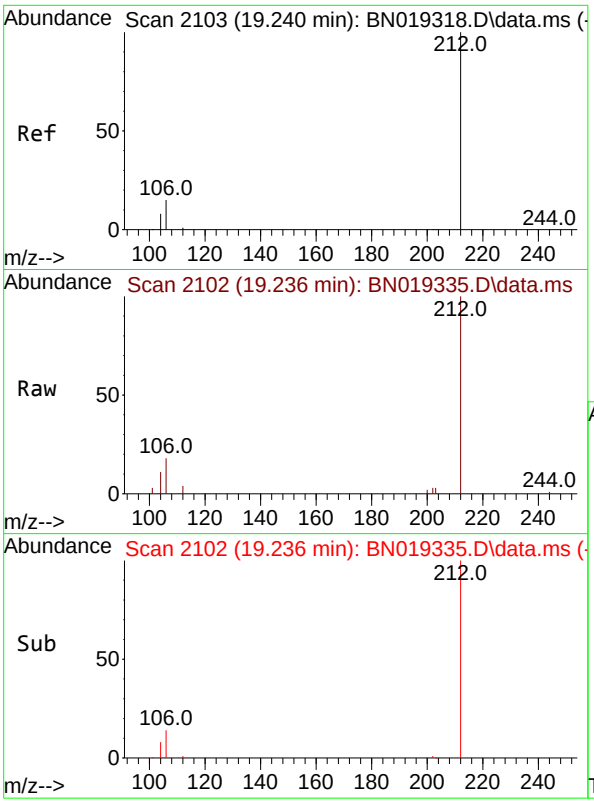


#26
Anthracene
Concen: 0.377 ng
RT: 17.338 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:178 Resp: 23075

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	13.8	12.2	18.4



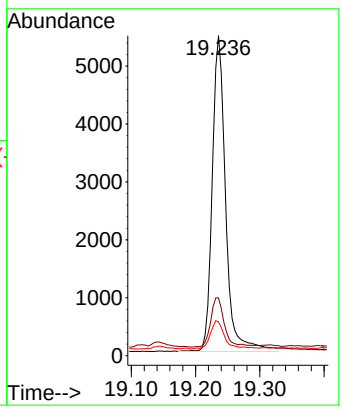


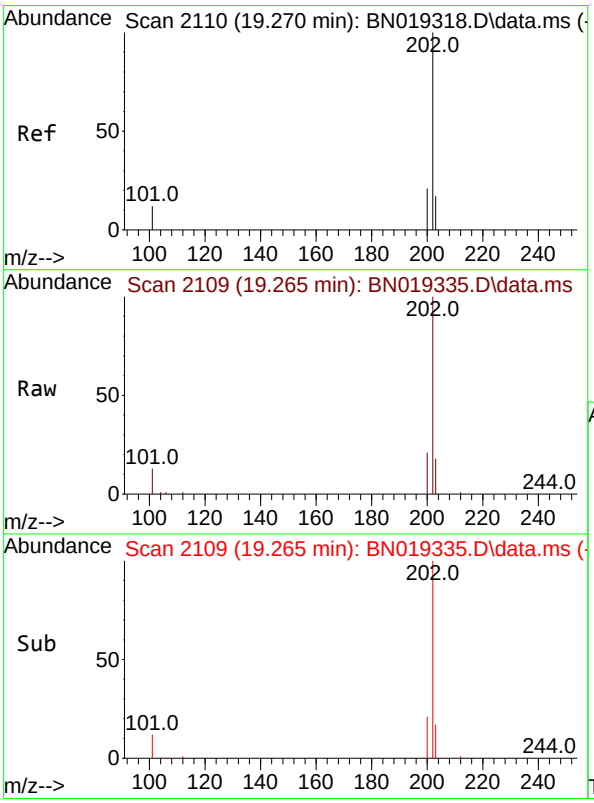
#27
Fluoranthene-d10
Concen: 0.118 ng
RT: 19.236 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:212 Resp: 7910

Ion	Ratio	Lower	Upper
212	100		
106	16.1	12.7	19.1
104	9.7	7.1	10.7

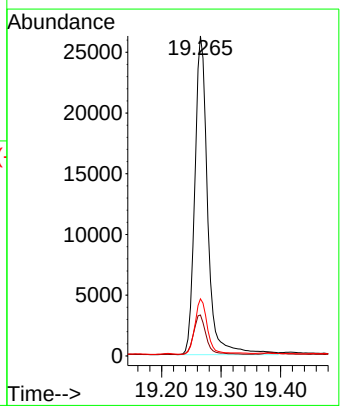


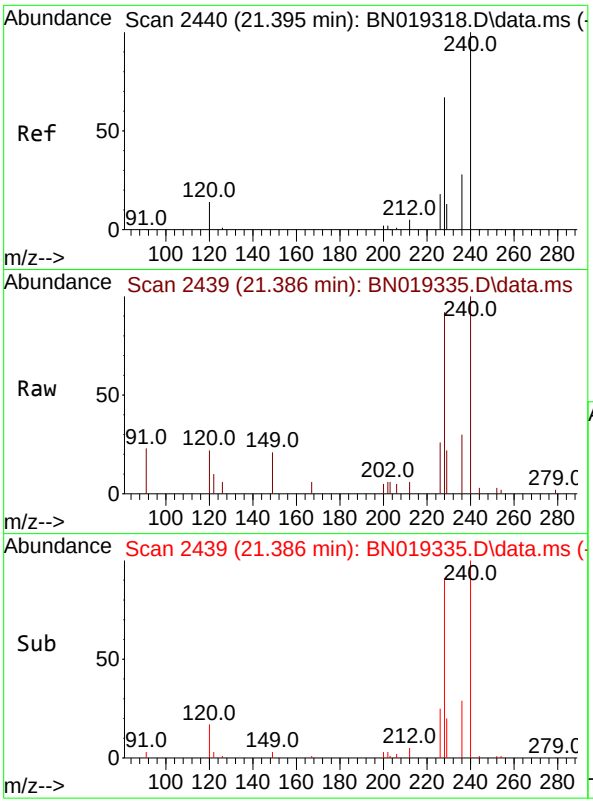


#28
Fluoranthene
Concen: 0.478 ng
RT: 19.265 min Scan# 2109
Delta R.T. -0.004 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:202 Resp: 39468

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
203	17.0	13.7	20.5



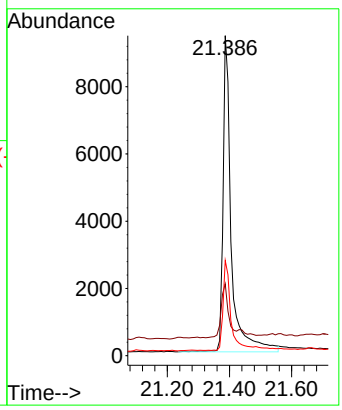


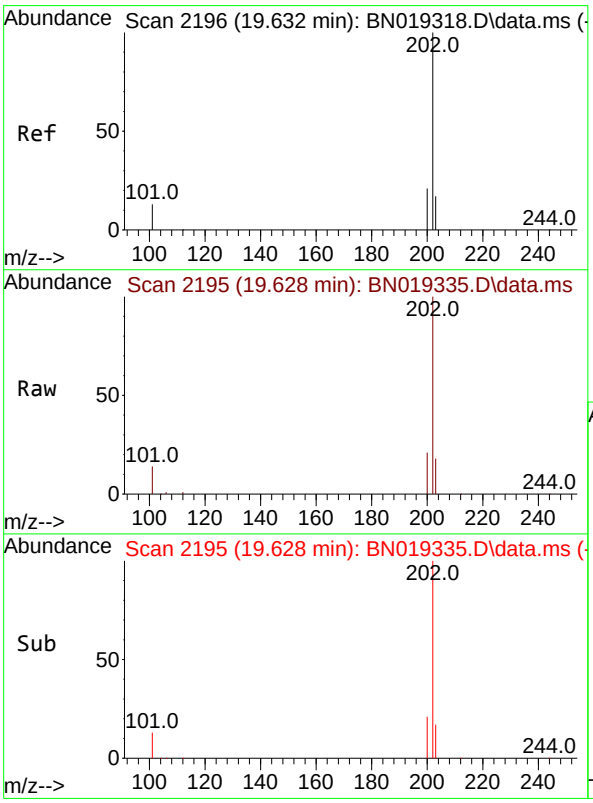
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.386 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:240 Resp: 17383

Ion	Ratio	Lower	Upper
240	100		
120	22.5	8.5	12.7#
236	29.7	22.4	33.6

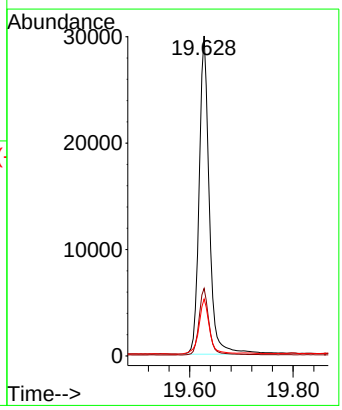


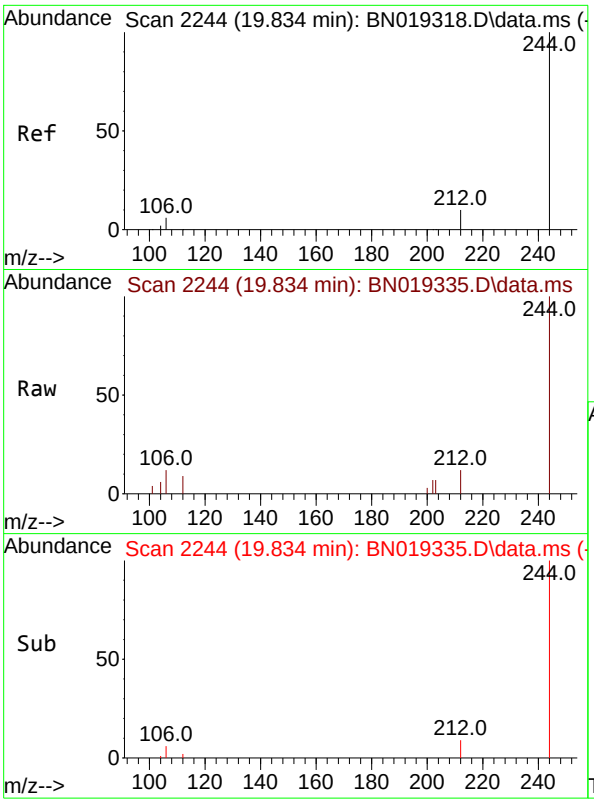


#30
Pyrene
Concen: 0.504 ng
RT: 19.628 min Scan# 2195
Delta R.T. -0.004 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:202 Resp: 40735

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.9	14.2	21.2



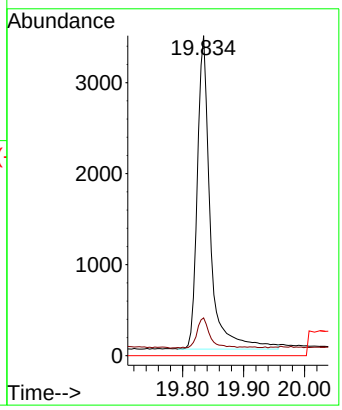


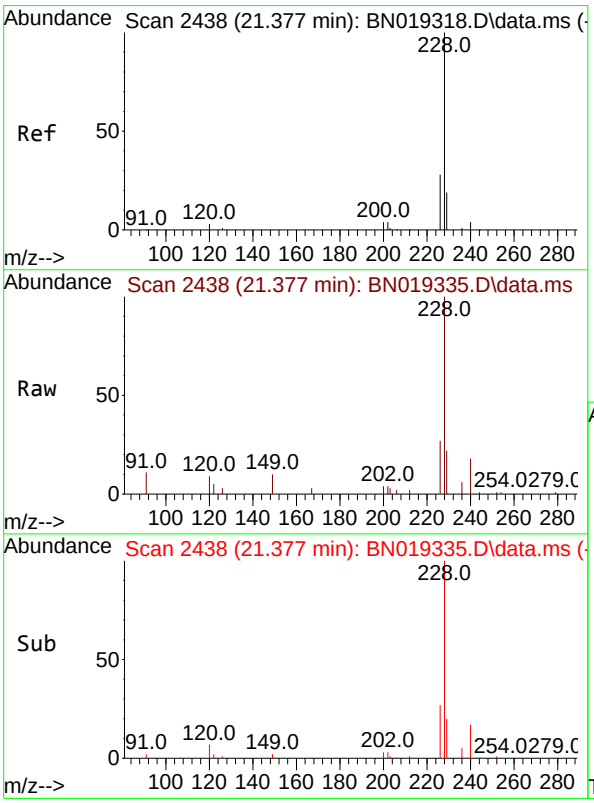
#31
Terphenyl-d14
Concen: 0.136 ng
RT: 19.834 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:244 Resp: 5127

Ion	Ratio	Lower	Upper
244	100		
212	11.8	8.2	12.4
122	0.0	0.0	0.0

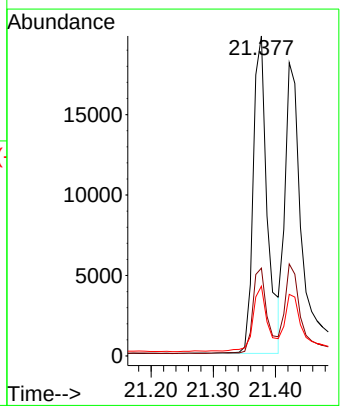


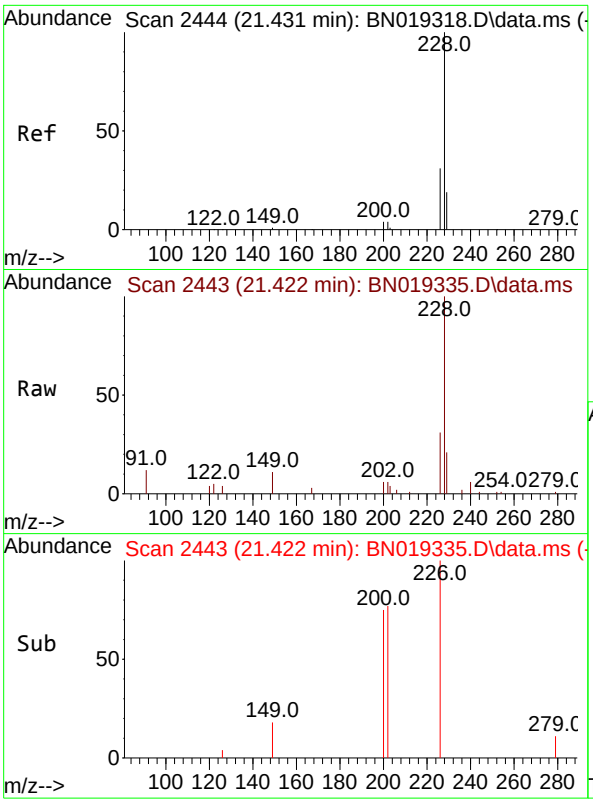


#32
Benzo(a)anthracene
Concen: 0.484 ng
RT: 21.377 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:228 Resp: 31087

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	21.8	16.0	24.0



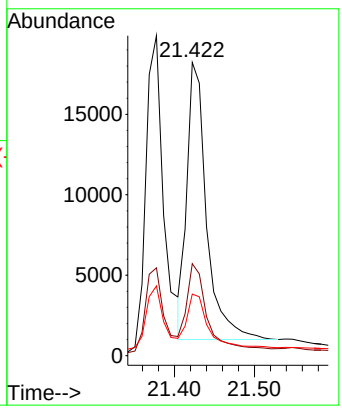


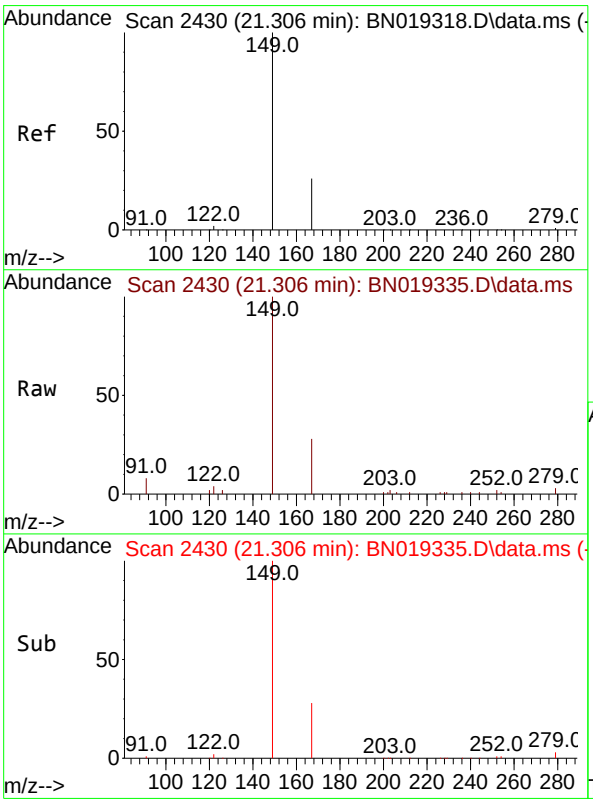
#33
Chrysene
Concen: 0.413 ng
RT: 21.422 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:228 Resp: 29508

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	21.0	15.9	23.9

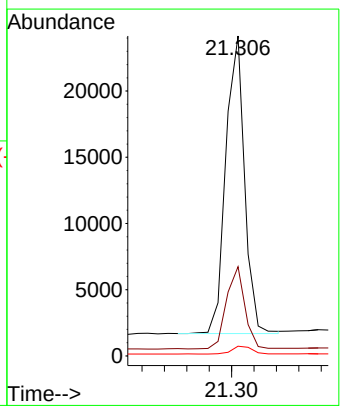


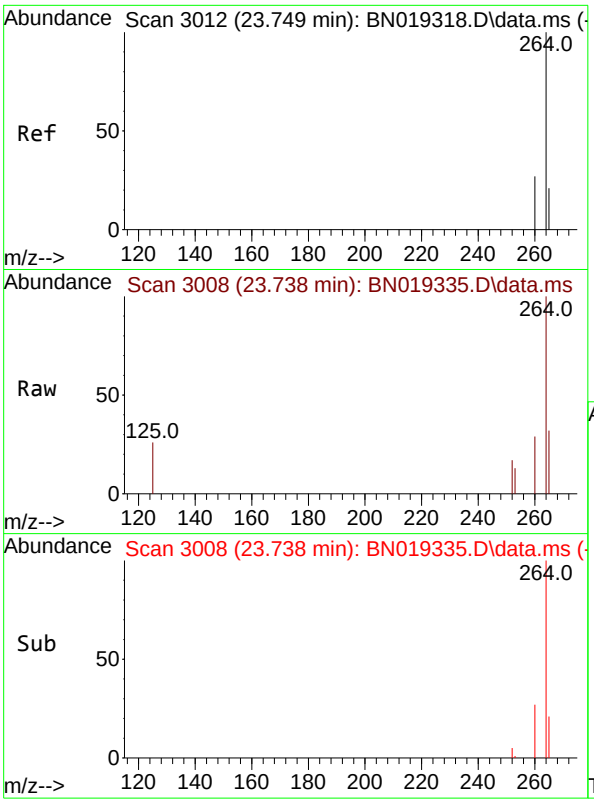


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.547 ng
RT: 21.306 min Scan# 2430
Delta R.T. -0.000 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:149 Resp: 26147

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.8	32.8
279	3.0	2.0	3.0#



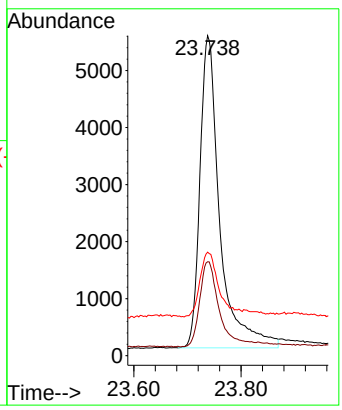


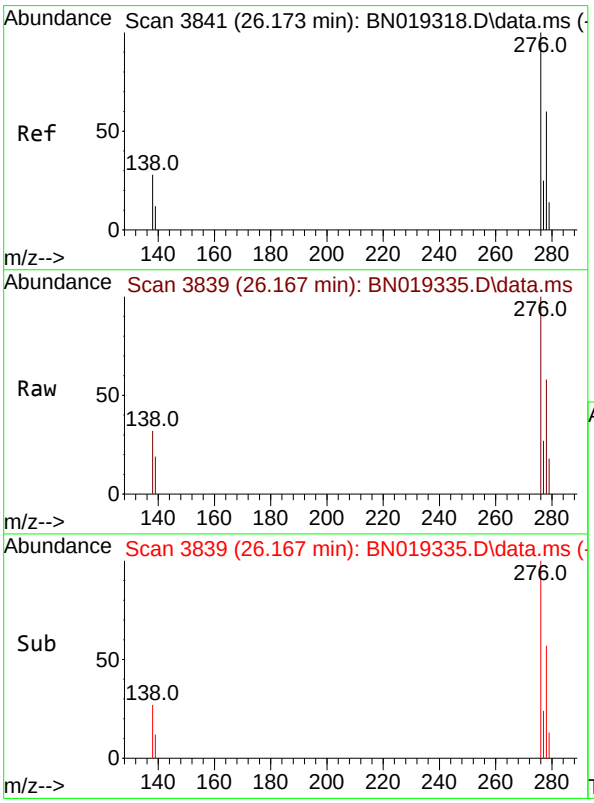
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.738 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:264 Resp: 14071

Ion	Ratio	Lower	Upper
264	100		
260	29.4	22.4	33.6
265	32.4	25.3	37.9

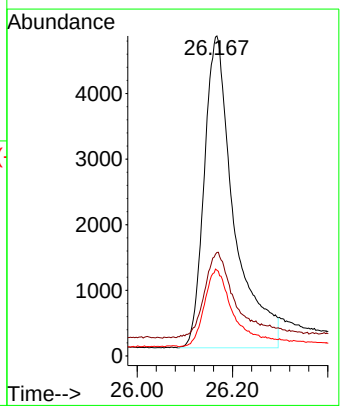


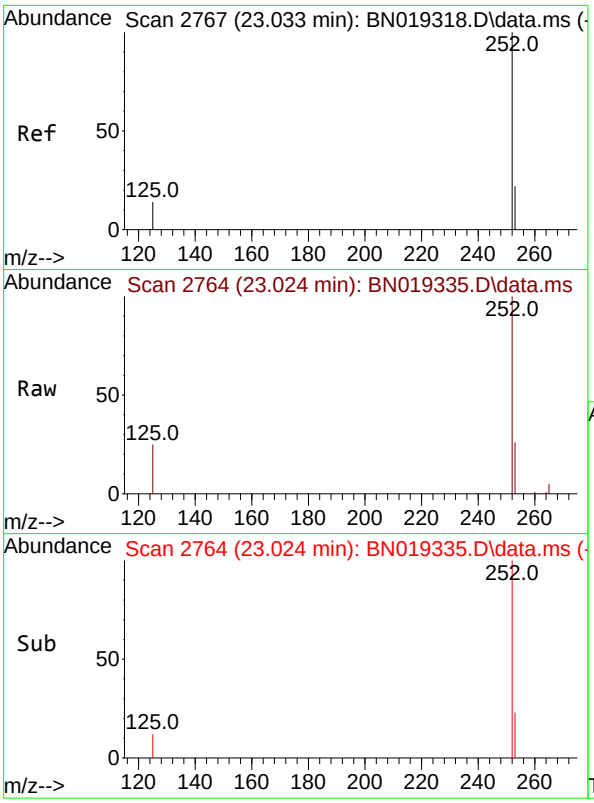


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.350 ng
RT: 26.167 min Scan# 3839
Delta R.T. -0.006 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:276 Resp: 20630

Ion	Ratio	Lower	Upper
276	100		
138	27.4	24.5	36.7
277	23.3	19.8	29.8



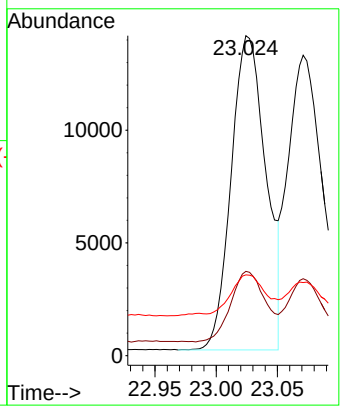


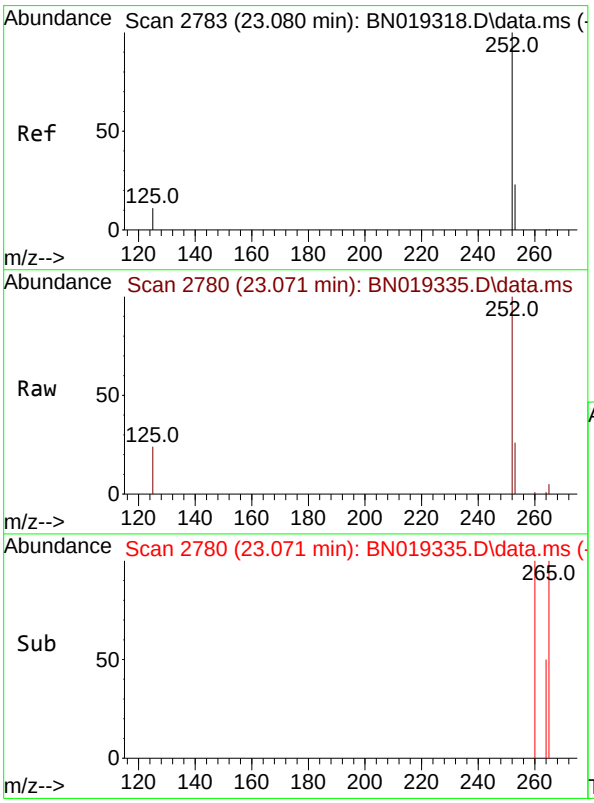
#37
Benzo(b)fluoranthene
Concen: 0.500 ng
RT: 23.024 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:252 Resp: 27576

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.9	28.3
125	25.2	12.1	18.1#

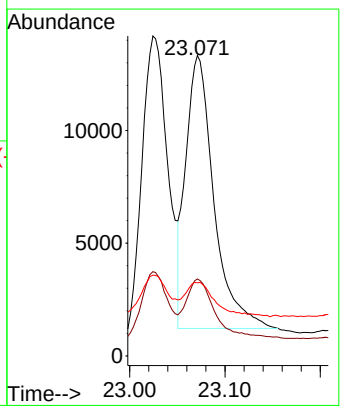


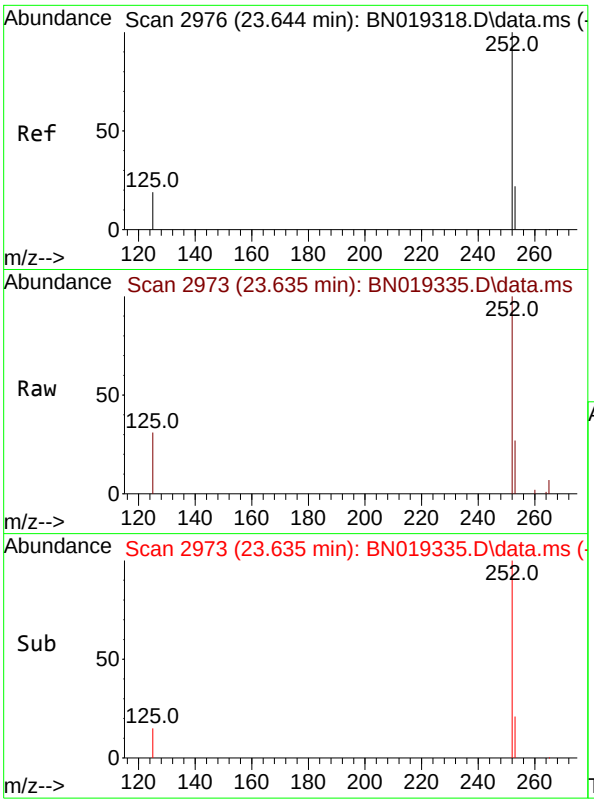


#38
Benzo(k)fluoranthene
Concen: 0.430 ng
RT: 23.071 min Scan# 2780
Delta R.T. -0.009 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:252 Resp: 24770

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.9	28.3
125	24.3	10.3	15.5#



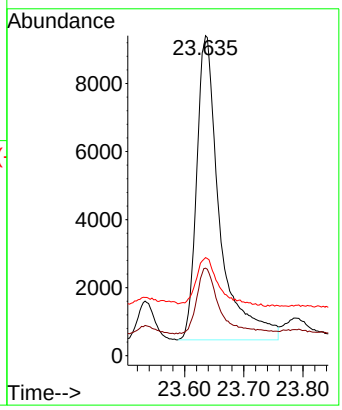


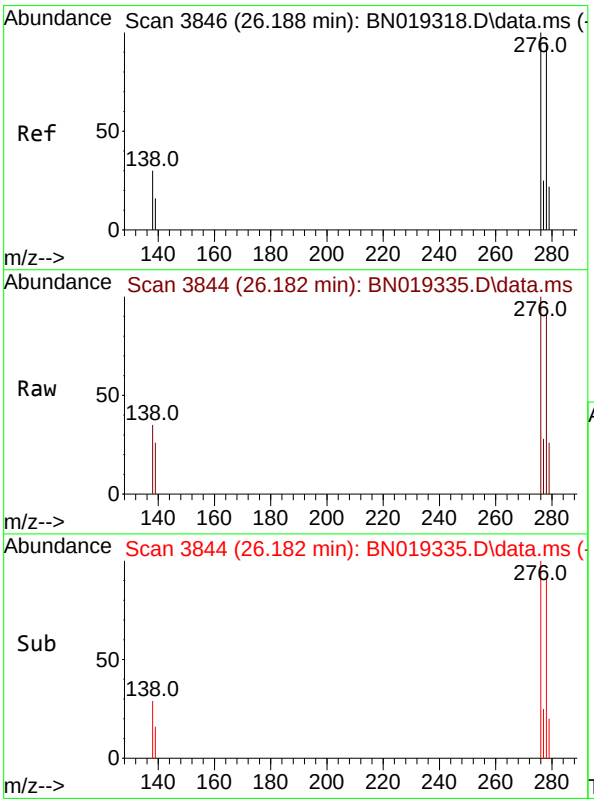
#39
Benzo(a)pyrene
Concen: 0.489 ng
RT: 23.635 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:252 Resp: 24210

Ion	Ratio	Lower	Upper
252	100		
253	27.3	20.1	30.1
125	30.7	15.2	22.8#

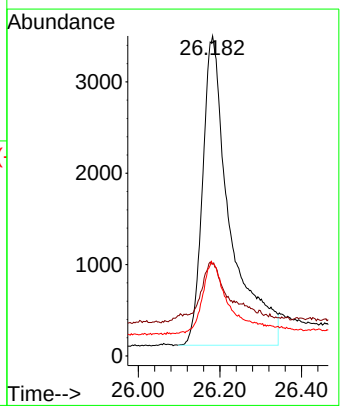


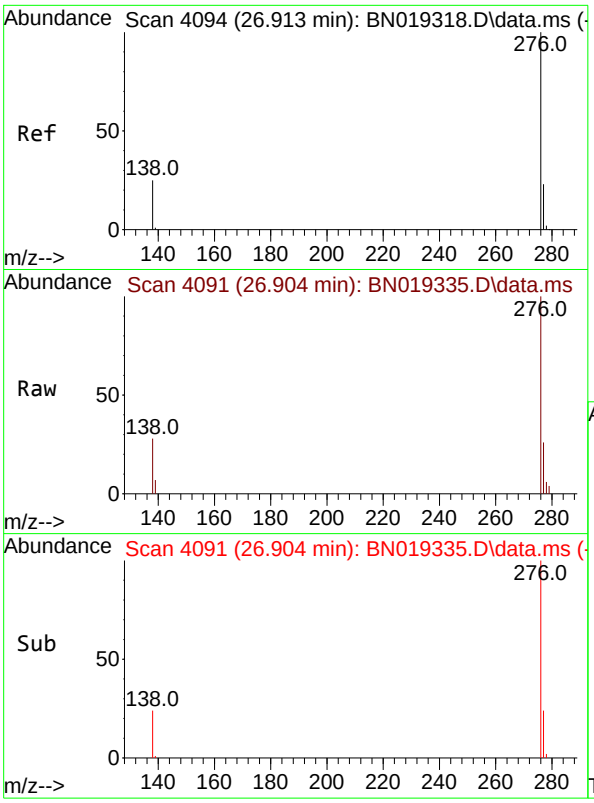


#40
Dibenzo(a,h)anthracene
Concen: 0.347 ng
RT: 26.182 min Scan# 3844
Delta R.T. -0.006 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Tgt Ion:278 Resp: 15829

Ion	Ratio	Lower	Upper
278	100		
139	28.7	17.2	25.8#
279	28.8	19.9	29.9





#41
Benzo(g,h,i)perylene
Concen: 0.392 ng
RT: 26.904 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN019335.D
Acq: 05 Apr 2022 03:00

Instrument :
BNA_N
ClientSampleId :
A08015MS

Tgt Ion:276 Resp: 21424

Ion	Ratio	Lower	Upper
276	100		
277	26.1	19.4	29.0
138	28.4	21.0	31.6